

Figure 1

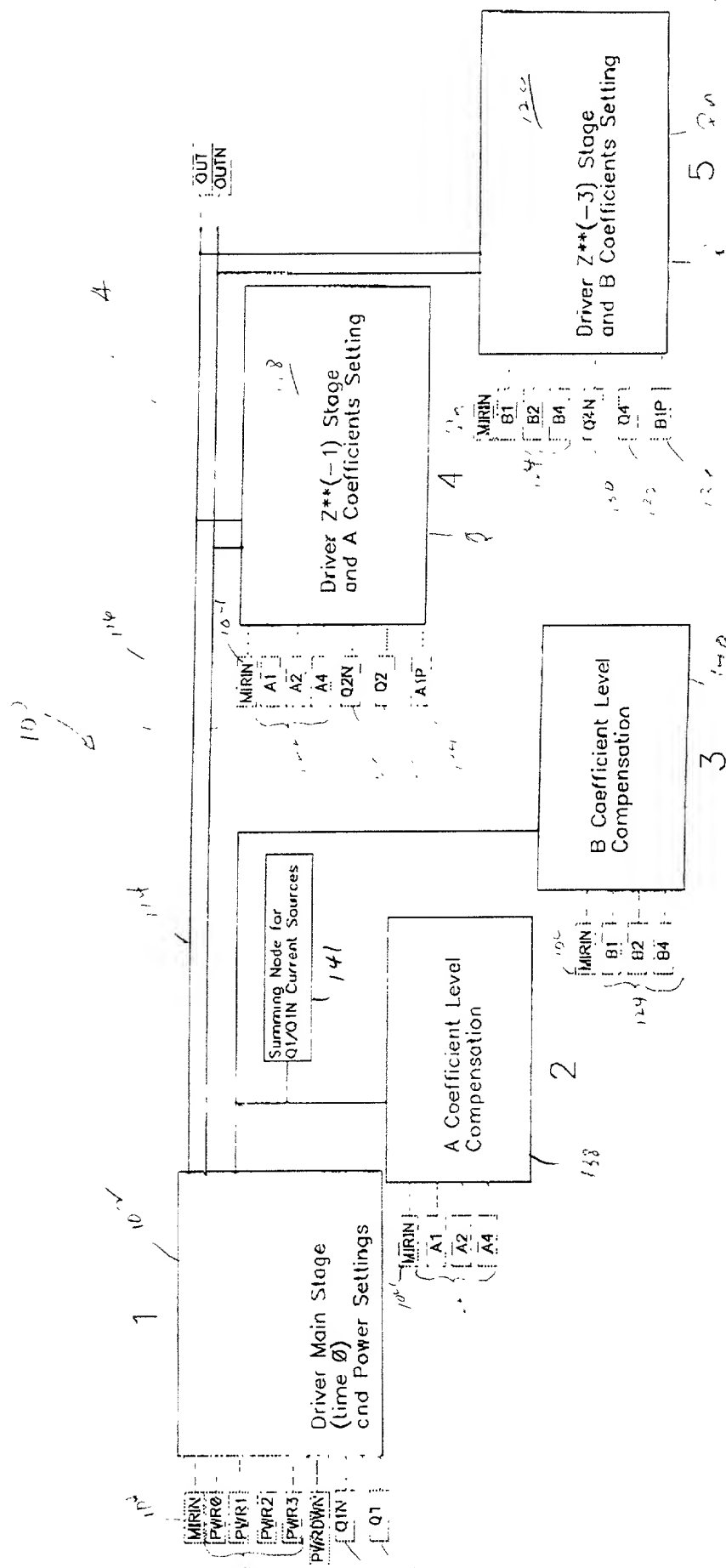
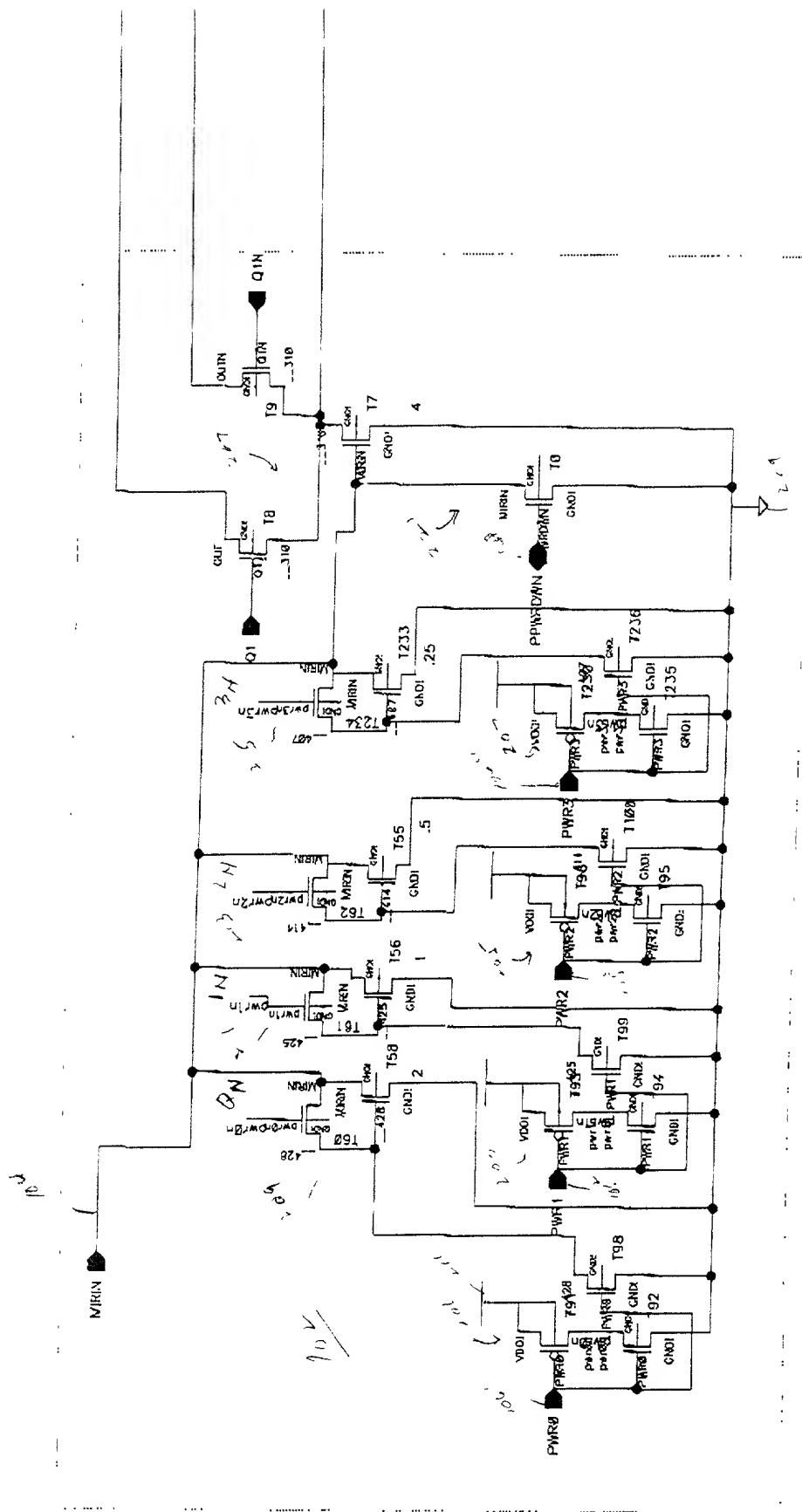
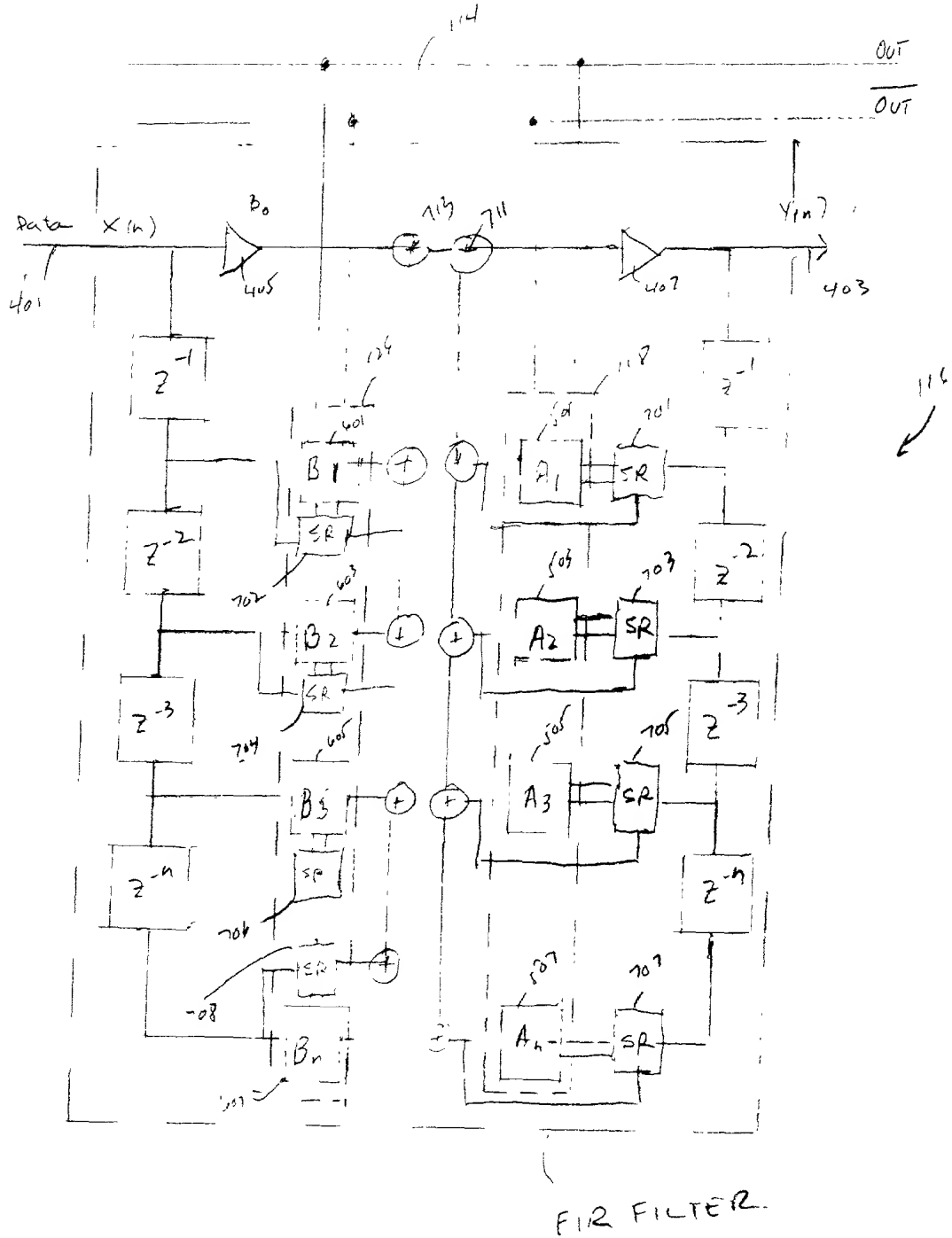


Figure 2



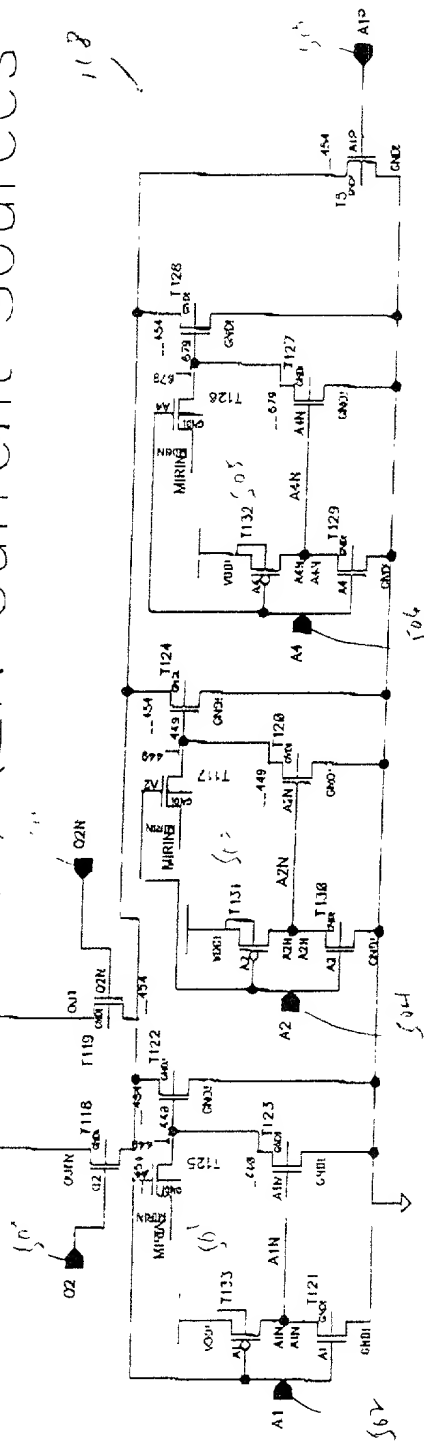
Driver & Power Settings

Figure 4



$$H(z) = AB_1 z^{-1} + AB_2 z^{-2} + AB_3 z^{-3}$$

Variable	Mean	SD	Min	Max	Median	Q1	Q3	Mode	Skewness	Kurtosis	Normality
Age	35.2	12.5	18	65	32	28	38	35	0.15	2.8	0.95
Gender	0.5	0.5	0	1	0.5	0.5	0.5	0.5	0.0	3.0	0.98
Education	12.5	2.5	9	16	12	11	13	12	0.10	2.5	0.92
Income	1500	500	500	3000	1200	800	1800	1000	0.20	3.2	0.90
Marital Status	0.7	0.5	0	1	0.7	0.7	0.7	0.7	0.0	3.0	0.98
Occupation	1.5	1.5	1	5	2	1	3	2	0.10	2.5	0.92
Health Status	0.8	0.4	0	1	0.8	0.8	0.8	0.8	0.0	3.0	0.98
Stress Level	3.5	1.5	1	5	3	2	4	3	0.15	2.8	0.95
Life Satisfaction	4.0	1.0	1	5	4	3	5	4	0.10	2.5	0.92
Resilience	2.5	1.0	1	4	2	1	3	2	0.15	2.8	0.95
Emotional Stability	3.0	1.0	1	4	3	2	4	3	0.10	2.5	0.92
Physical Health	3.5	1.0	1	4	3	2	4	3	0.15	2.8	0.95
Mental Health	3.0	1.0	1	4	3	2	4	3	0.10	2.5	0.92
Social Support	3.5	1.0	1	4	3	2	4	3	0.15	2.8	0.95
Life Satisfaction	4.0	1.0	1	5	4	3	5	4	0.10	2.5	0.92
Resilience	2.5	1.0	1	4	2	1	3	2	0.15	2.8	0.95
Emotional Stability	3.0	1.0	1	4	3	2	4	3	0.10	2.5	0.92
Physical Health	3.5	1.0	1	4	3	2	4	3	0.15	2.8	0.95
Mental Health	3.0	1.0	1	4	3	2	4	3	0.10	2.5	0.92
Social Support	3.5	1.0	1	4	3	2	4	3	0.15	2.8	0.95



A Coefficients Setting

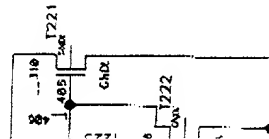
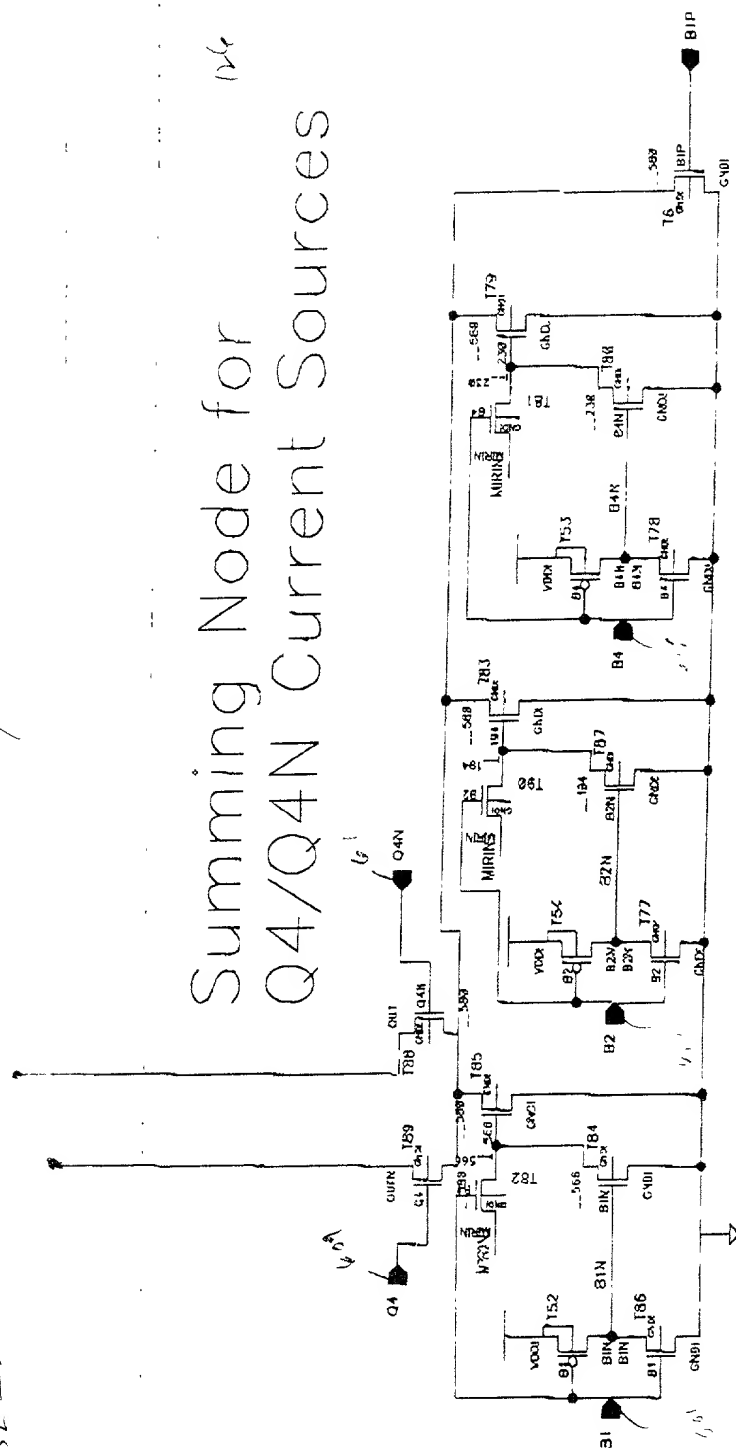


Figure 6

Summing Node for Q4/Q4N Current Sources



B Coefficients Setting

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Q4/Q4N Current Sources

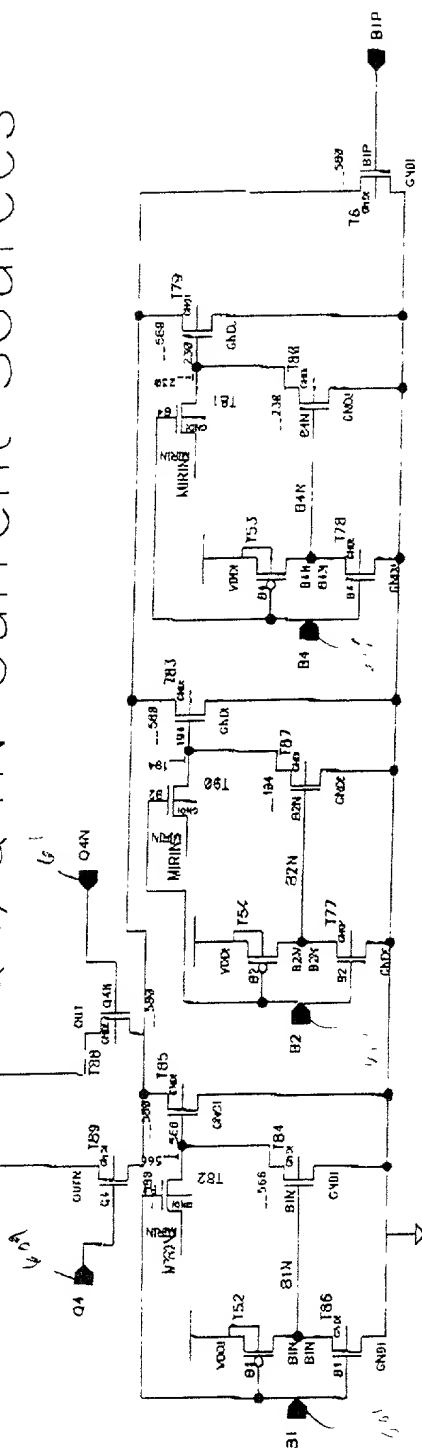


Figure 7

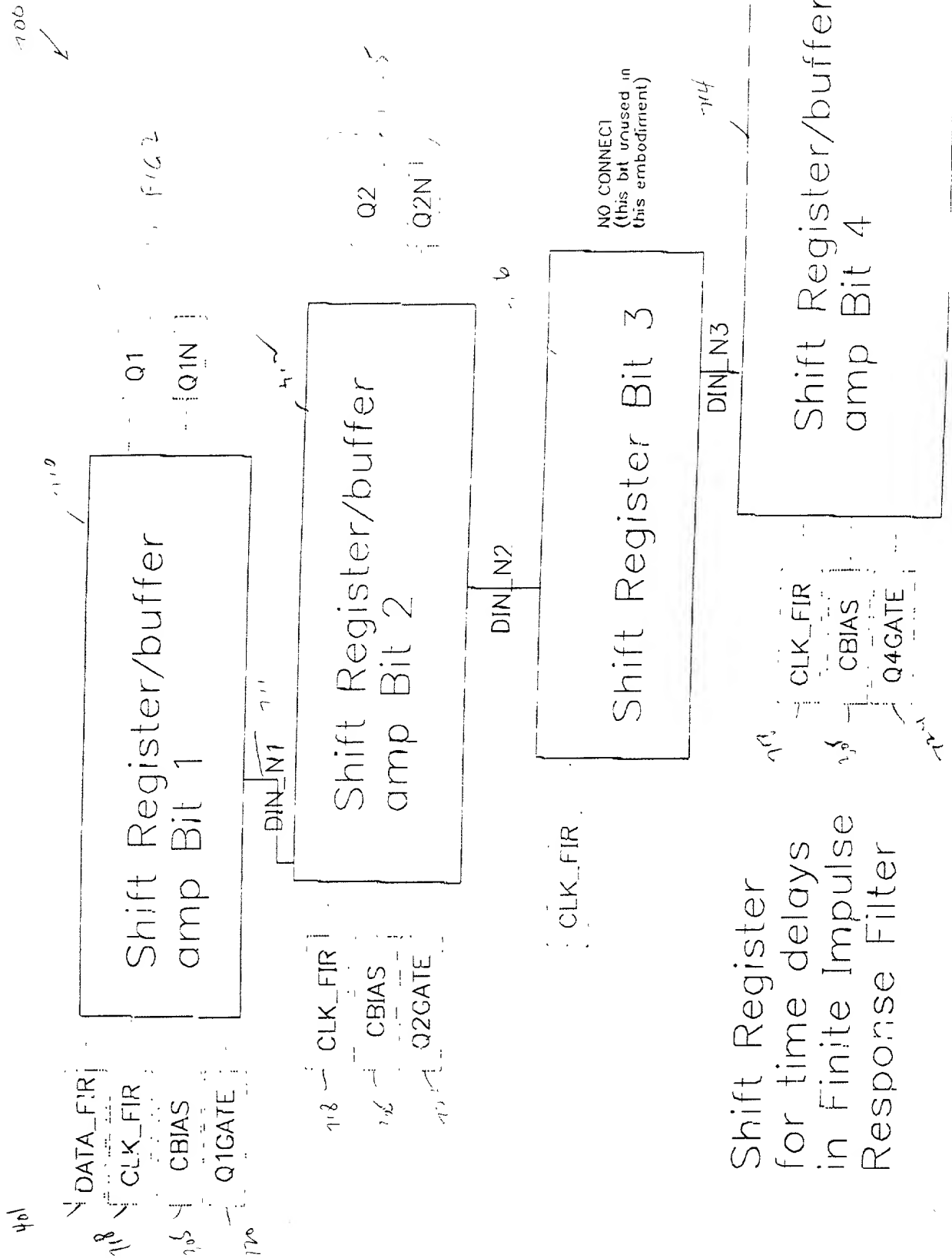
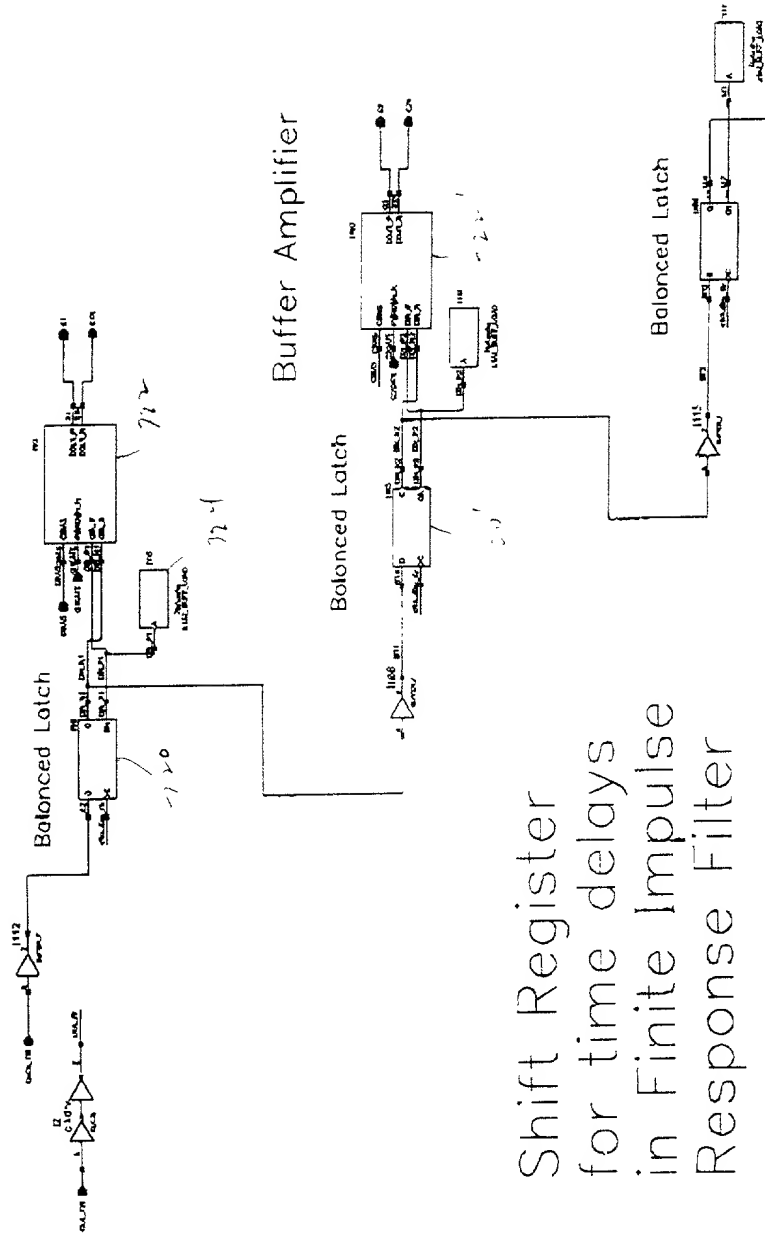


Figure 7A

Buffer Amplifier

71X



Shift Register
for time delays
in Finite Impulse
Response Filter

Buffer Amplifier

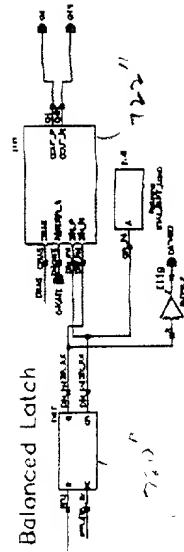


Figure 7B

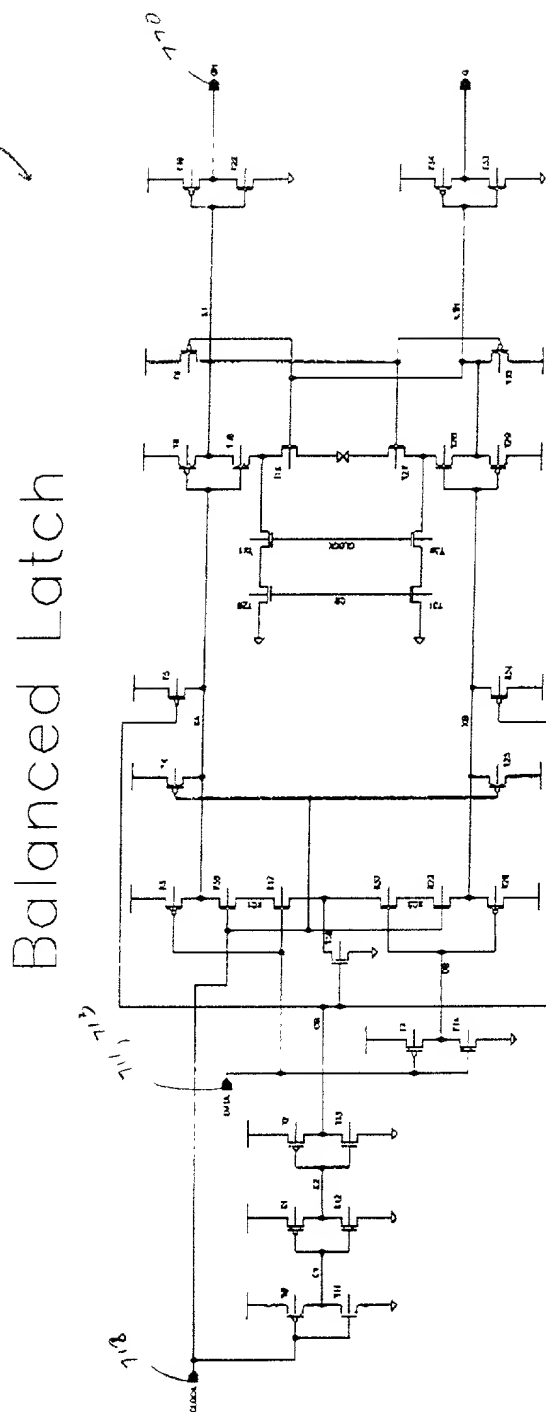


Figure 8

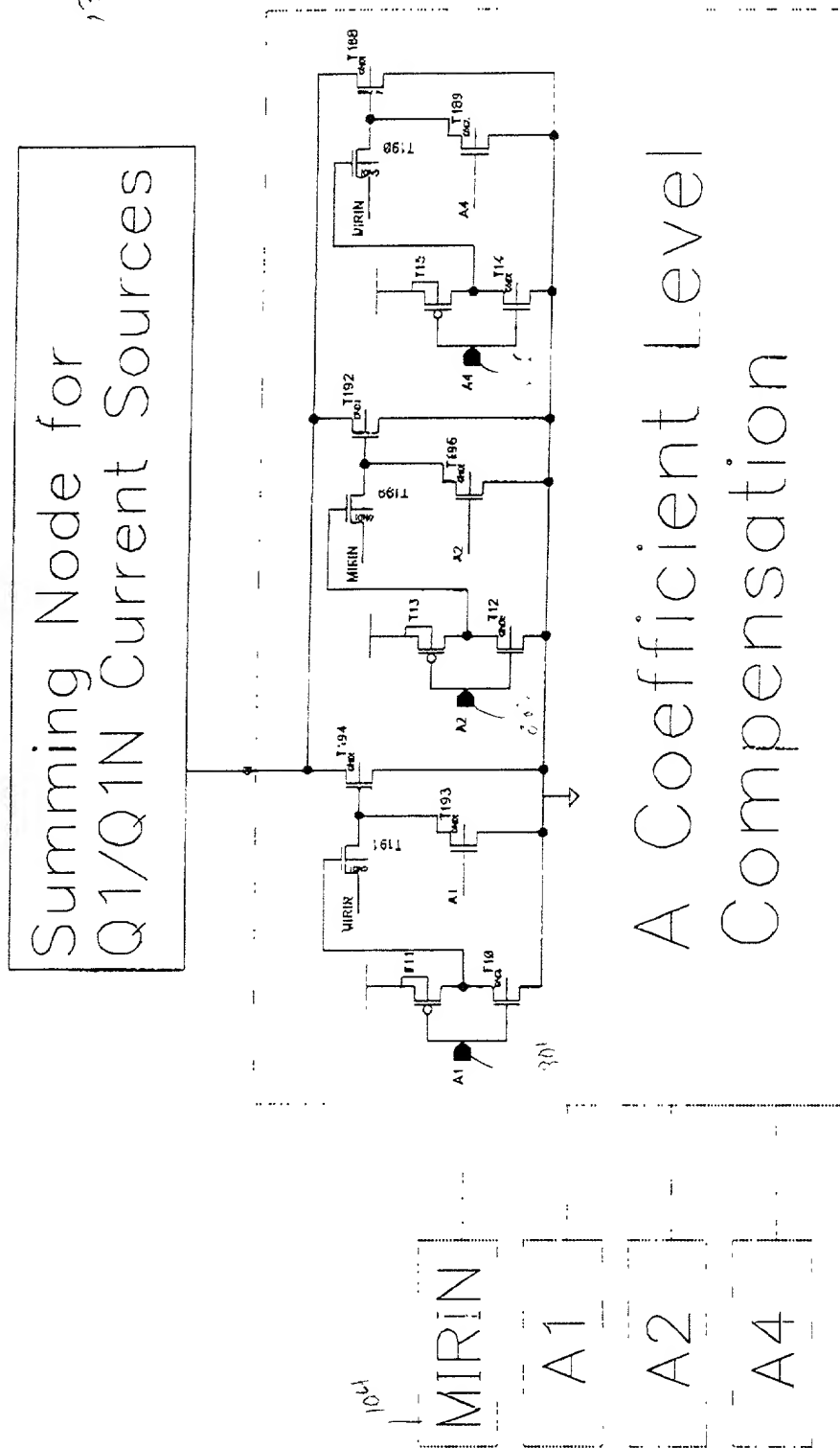
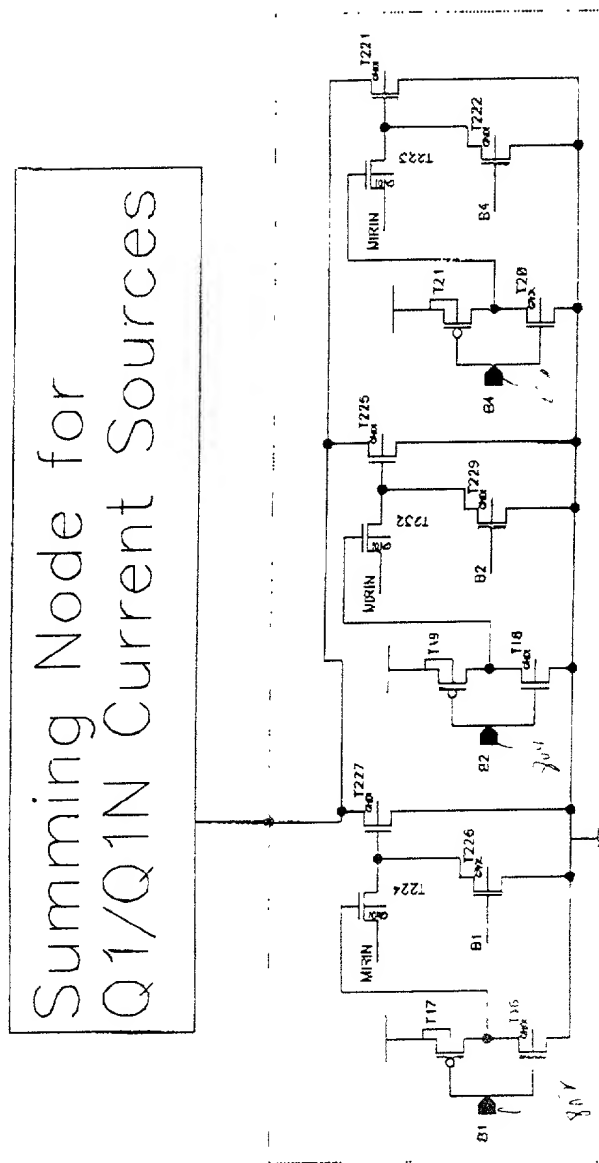


Figure 8A



MIRIN

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B Coefficient Level Compensation

2

Figure 9

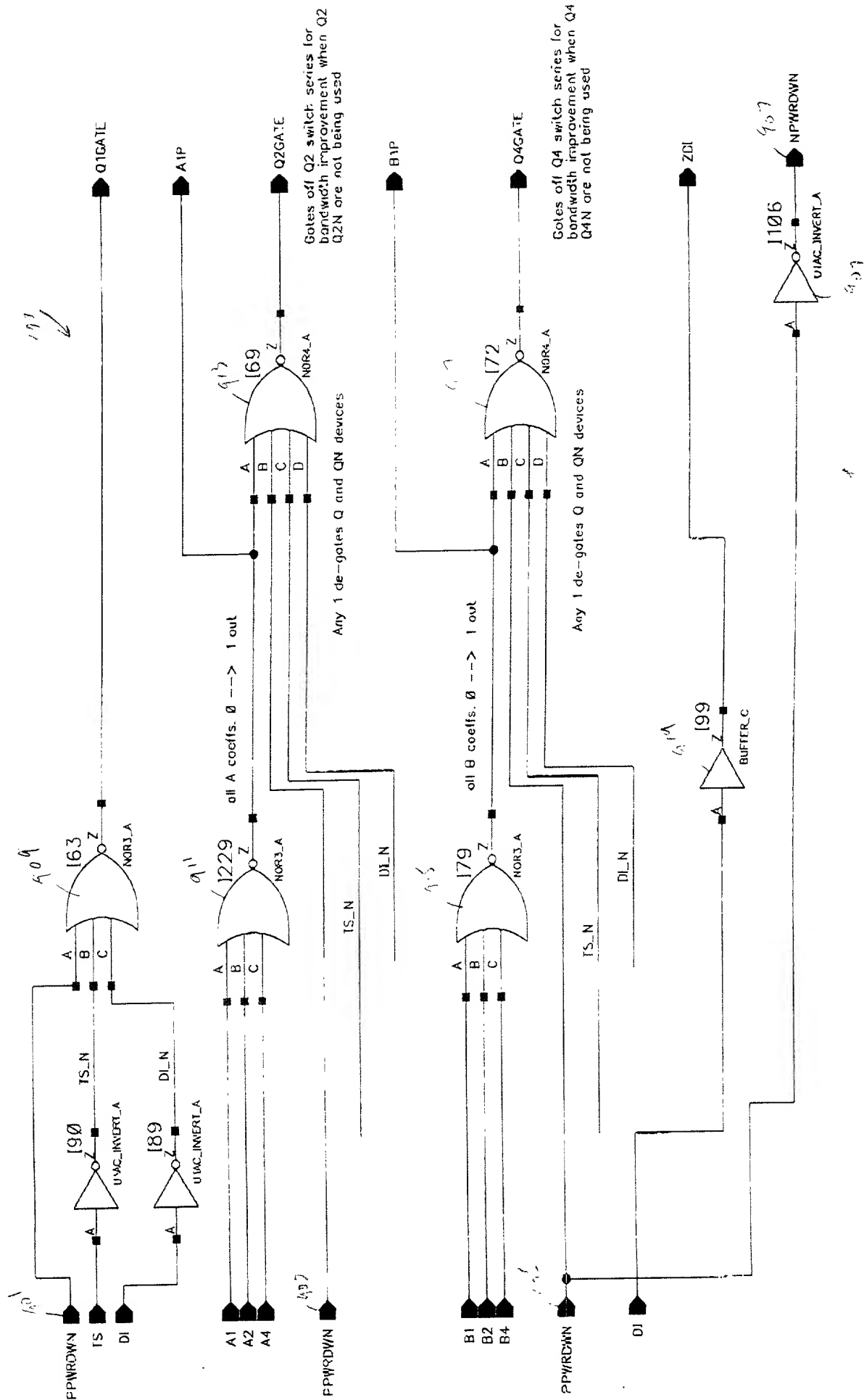
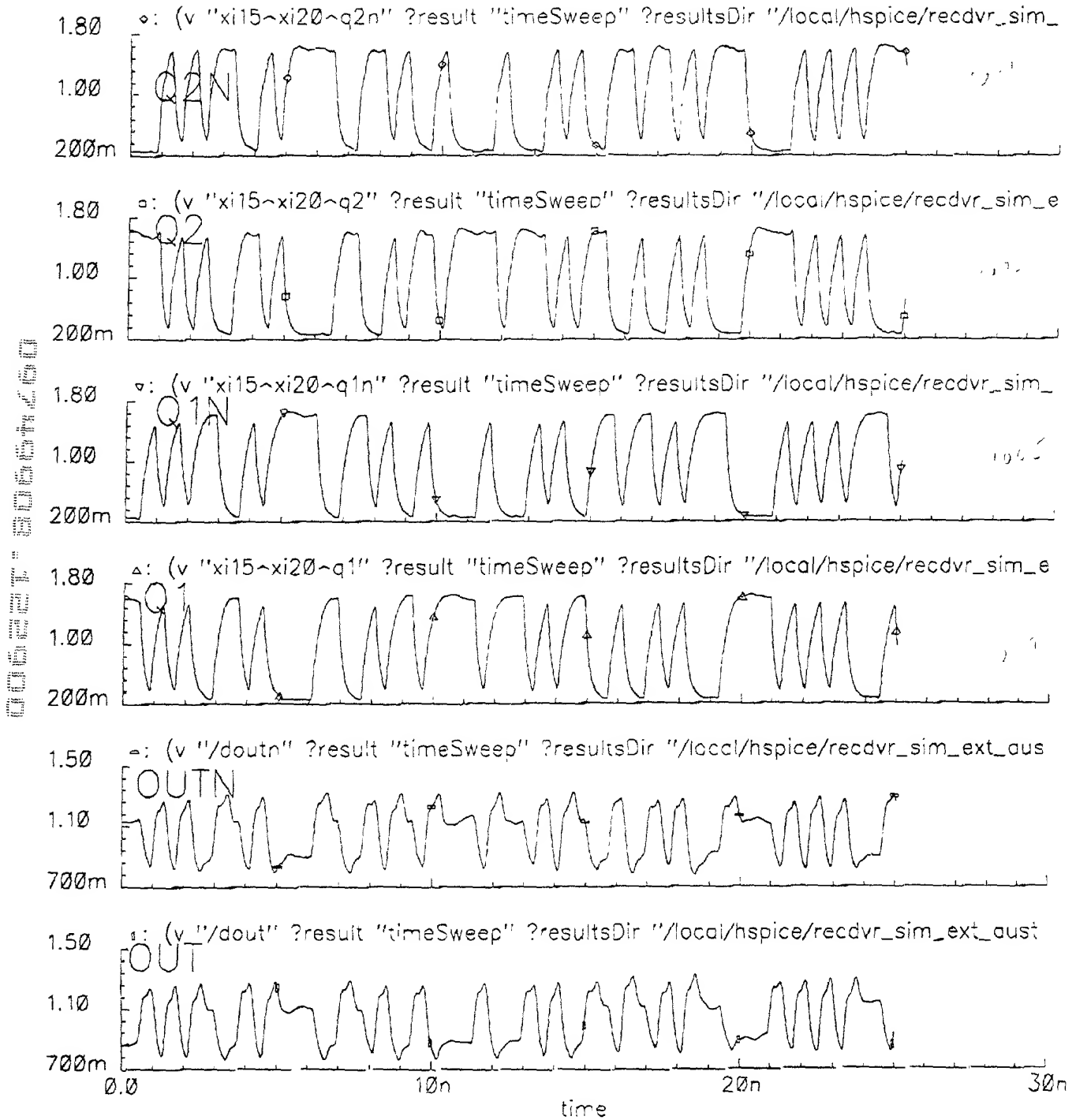


Figure 10



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Transient Response

